UN Test Data (Model:3UR18650-3-T0664)

1.Test Item: Drop Test

2.Test Purpose: This test simulates the drop of the packaging during transport.

3.Test Procedure:

Number of Test Samples (Per design type, Manufacturer) and Drop Orientation For other than flat drops the centre of gravity must be vertically over the point of impact. Where more than one orientation is possible for a given drops, the orientation most likely to result in failure of the packaging must be used.

Packaging	Number of test samples	Drop orientation
Boxes of natural wood Plywood boxes Reconstituted wood boxes Fibreboard boxes Plastic boxes Steel or aluminum boxes Composite Packagings which are in the shape of a box.	Five (one for each drop)	First drop: flat on the bottom Second drop: flat on the top Third drop: flat on the long side Fourth drop: flat on the short side Fifth drop: on a corner

SANYO Internal Procedure:

Packaging: Fiberboard boxes. Number of test samples: Five(one for each drop). It may do the drop of five orientations with one sample if the packing does not have the big damage.

Drop orientation: As above.

4.Test Requirements:

A Package passes the test if it meets the following criteria:

Each package is capable of withstanding a 1.2 meter drop test in any orientation without damage to cells or batteries contained therein, without shifting of the contents so as to allow battery to battery (or cell cell) contact and without release of contents.

5.Test Date: 2010/5/27

6.Test Data: PASS(Drop height 1.2m)

6-1. No any package crack
6-2. No any cell damege and battery damage.
6-3. No any out side release of contents from shipping box
6-4. No any contact between battery and battery, cell and cell.

Packaging size:
387*352*163 mm
Packaging weight (before):
7.9kg
Packaging weight (after):
7.9kg